C. causticus official barcode Vanc Isl BC GQ159868
C. causticus Vanc Isl BC SDA004 iNat9292487
C. causticus SDA389 Denny Cr. WA iNat145670319
C. causticus OR iNat99929294
C. causticus WA SDA627 iNat35264576
C. causticus WA SDA667 iNat35219757
C. causticus SDA424 WA iNat145670216
MP3954625 WA Cortinarius causticus
MP3954561 Cortinarius causticus WA
C. causticus SDA385 Denny Cr. WA iNat145670316
/Caustici
Cortinarius Harrower52a (very short ITS2 seems unique LSU is 2 from others) S BC FJ157100
Cortinarius Harrower17 (aff purpurascens) WA iNat98836184 (short seq)
C.vespertinus WA SDA514 (official barcode match)
Cortinarius vespertinus WA iNat182964911 (syn. variipes)
/Vespertini
MH846263.1 Cortinarius riederi TYPE FIN
SDA359 Cortinarius riederi WA
SDA374 Cortinarius riederi WA
C. riederi WA (1/0 type) MH846265
SDA501 Cortinarius riederi iNat31014874 WA
/Riederorum (Riederi)
C. leucophanes KJ421083 EU (barcode assumed 3/0/1200 camarostaphylidis)
C. comarostaphylidis/leucophanes S Vanc Isl BC (3/0 2/0) GQ159798.1
C. comarostaphylii TYPE Costa Rica EF420151
SDA568 Cortinarius aff leucophanes WA (1/0/1 camarostaphylidis type)
C. leucophanes/camarostaphylidis SDA312 AK (+NS3322 WA)
C. oregonensis NR 130239 TYPE OR
SDA427 Cortinarius oregonensis WA
C. oregonensis SDA WA iNat35264577
C. oregonensis BC (+WA) FJ157035.1
C. oregonensis 2/0 SDA WA iNat35219681
/Lustrati
C. pinophilus boreal BC FJ157123 (cited in paper)
EU660954 C. pinophilus WA JFA 13150 (cited in paper)
/Pinophili
Cortinarius Harrower17 (aff purpurascens) BC (+WA) (4/2-6/1 in ITS2) FJ717559
Cortinarius Harrower17 (aff purpurascens 4/1-6/1 in ITS2) WA iNat14907654
Cortinarius Harrower17 (aff. purpurascens) WA iNat101377115
C. purpurascens TYPE SWE KF732406
KF732449 C. subpurpurascens TYPE EU (Smith WA Finns say not known from NA yet)
SDA561 Cortinarius PNW42 aff. porphyropus WA (4/2 chunks)
C. porphyropus 1/1 EF218745 Interior BC
C. porphyropus TYPE EU KF732387
SDA368 Cortinarius occidentalis WA
C. occidentalis BC (+WA OR ID) FJ039661
C. occidentalis TYPE CA KF732357
/Purpurascentes
C. sphagnophilus (unknown USA + unknown BC) FJ717591
SDA343 Cortinarius sphagnophilus WA
C. sphagnophilus (official barcode) BC (+OR) FJ717591
SDA007 Cortinarius sphagnophilus iNat9292491 WA
C. sphagnophilus WA iNat18455685 SDA388
SDA517 Cortinarius sphagnophilus WA
Cortinarius Harrower13c (sphagnophilus II) S Vanc Isl GQ159877
Cortinarius Harrower13b (aff sphagnophilus) WA 4/1 iNat31008232 SDA502
Cortinarius Harrower13b WA iNat31008176 SDA485 (aff sphagnophilus)
Cortinarius Harrower13b (aff sphagnophilus) WA NS3317
SDA519 Cortinarius Harrower13b (aff sphagnophilus) WA
C. scaurus (official barcode) Revelstoke BC GQ159835
C. scaurus TYPE SWISS KF732423
C. montanus KF732349 TYPE OR
C. herpeticus TYPE SWE KF732321
C. violaceonitens (0/1/2 type) Boreal BC FJ157113
KF732425.1 Cortinarius violaceonitens TYPE FR
SDA559 Cortinarius violaceonitens haplotype2 (indel chunk) WA
SDA559 Cortinarius violaceonitens haplotype1 WA
SDA644 Cortinarius violaceonitens WA
/Scauri
C. caesiolamellatus WA+OR (cited in paper) KF732571
C. pallidirimosus OR (cited in paper) JQ393042
C. rufoallutus OR (cited in paper) JF750423
C multiformis NS 3336 WA w/chunk of 15 del d
SDA369 Cortinarius multiformis WA
NR 130232 Thaxterogaster multiformis TYPE Sweden
C. multiformis BC (+WA) (1/0 type SWE) FJ039634.1
Cortinarius multiformis 3/0 WA iNat146167449
FJ717579 C. talus Olympics WA SAT00-261-63
SDA353 Cortinarius talus WA
C. talus WA (matches official barcode) iNat18082998
C. talus EU (official barcode) AY669530
SDA688 Cortinarius talus WA
Cortinarius talus OR iNat152767170
KF732457 Cortinarius talus NEOTYPE Swe
/Multiformes
Cortinarius Harrower3 3/1 (aff pluviorum) WA iNat 35227402
Cortinarius Harrower3 (3/1) WA SDA803 iNat145670449
Cortinarius Harrower3 (aff pluviorum) (4/1) SDA795 WA
Cortinarius Harrower3 (aff pluviorum) S BC EU821672.1
SDA683 Cortinarius Harrower3 (aff pluviorum) WA
Cortinarius Harrower3a (N Vanc Isl BC) DQ481964
KP403028.1 C. pluviorum S BC (barcode assumed)
HQ604684.1 C. pluviorum Boreal BC (no Ns)
C. microspermus EU (barcode assumed) UDB001090
C. microspermus WA (0/0 UNITE 1 3/1 barcode assumed) iNat31008355 SDA487
C. microspermus EU (UNITE 1) UDB036990
C. microspermus EU (UNITE 1) MG674293
C. aff cf crystallinus (1 from locked UNITE) MK358091
C. aff cf crystallinus (1 from locked UNITE) MT367147
/Microspermi
Cortinarius PNW01 U56033 (as vibratilis) WA
Cortinarius Harrower5 SDA542 WA (2-3/3-4/0-1 C. ochroamarus)
Cortinarius Harrower5 (aff ochroamarus) SDA1017 WA iNat145670380
Cortinarius Harrower5 (aff ochroamarus 2-3/3-4/0-1) Boreal BC FJ157016
NR 153041 Cortinarius ochroamarus TYPE Fin
C. eburneus (=crystallinus) barcode assumed (0.5 locked crystallinus) UDB001101 EU
C. cf barbatus (white) MN197665
Cortinarius Harrower8 (cf crystallinus) (Interior BC) DQ097879.1
Cortinarius Harrower9a (aff. pluvius) SW BC (9/4 FJ157037 7/1) FJ039629 BC
Cortinarius vibratilis WA iNat180539911
MZ568649 Cortinarius vibratilis NEOTYPE EU
C. pluvius S BC (official barcode complex) EU821695.1 (5/0 EU)
C. vibratilis SDA784 WA
Cortinarius Harrower7b SDA1016 WA iNat145670379 (6/4/1 sp. 7 9/2/1 sp. 7a) (one indel is 6 long)
Cortinarius Harrower7c SDA1025 WA iNat145670305(4/3 7 3/2 7a)
Cortinarius Harrower7c SDA539 WA iNat 145670747 (4/3 7 3/2 7a)
Cortinarius Harrower7 SDA 630 WA iNat 35264578
Cortinarius Harrower7 SDA547 WA (2/1 SDA630) iNat145670272
Cortinarus Harrower7 (E central BC) EU821694
Cortinarius Harrower7a S BC FJ717578
/Ochroleuci (Vibratiles)
/Ochroleuci (Vibratiles)
Cortinarius (Thaxterogaster) turmalis WA iNat140951959
SDA556 Cortinarius turmalis (=corrugis) WA
C. turmalis WA KF732290.1
NR 130278.1 Thaxterogaster turmalis TYPE Swe
MP3954540 WA Cortinarius turmalis
/Turmales
CORTINARIUS VIOLACEUS (OUTGROUP)
0.02